

ENGINEERING DIRECTIVES AND STANDARDS

Volume : I Effective Date :
Chapter : 1 Revision Date : 03/30/1989
Section : 1 Subject : **ESTABLISHMENT OF DOTD RESEARCH PROBLEM
IDENTIFICATION COMMITTEE**

Directive : 13

1. **PURPOSE.** The purpose of this directive is to establish a structured procedure for providing suggestions for research study topics as identified by DOTD operations personnel.
2. **SCOPE.** This directive will include all DOTD districts and sections, whereby solutions to engineering problems or other problems related to their area of work can be accomplished through a formalized research process.
3. **BACKGROUND.** It is important that all operating personnel have the opportunity to participate in the development of research problem statements for transportation related engineering and problems associated with their area of work. A structured procedure is needed to facilitate this level of involvement on a continuing basis. A representative is, therefore, to be selected from each DOTD district and from selected DOTD sections to provide input for the groups they represent.
4. **ACTION.** Persons within the DOTD sections which are to become committee representatives will be appointed by the Chief Engineer. Within each district it is intended that either the District Construction or Maintenance Engineer be designated by the District Administrator to be the "Research Needs Representative". The Director of LTRC or his designated representative will chair the committee. DOTD sections to be represented are as follows:

Geotechnical/Pavement Design
Road Design
Bridge Design
Geometric Design
Hydraulic Design
Contracts/Specifications
Materials Section
Weights and Standards
Water Resources
Traffic and Planning
Systems Construction
Bridge Construction
Marine Fabrication
Systems/Road Maintenance
Bridge Maintenance
Traffic Services
Needs and Priorities
Highway Automation
Project Control
Water Resources Design

The committee representative will, as a minimum, be responsible for the following:

- (1) Attending, at a minimum, an annual meeting to be arranged by LTRC wherein research ideas can be expressed, discussed, and formalized for consideration for future study. The final attached listing of problem statements resulting from the annual meetings will be subject to the established approval and prioritization process which requires review by the LTRC Policy Committee and by Project Review Committees.
 - (2) Serving as the representative for his/her group by receiving and summarizing research oriented problem statements.
 - (3) Conferring with the District/Division Administrator to screen and consolidate statements and to provide an opportunity for input from upper management to the research process.
5. **EFFECTIVE DATE.** This policy will become effective upon receipt. All other directives, memoranda, and instructions issued heretofore in conflict with this directive are hereby rescinded.

DEMPSEY D. WHITE
DOTD CHIEF ENGINEER